

○ **REMARKS**

Claims 1-17 are pending in the application. Claims 1-15 stand rejected under statutory double patenting over claims 1-14 of U.S. Patent No. 6,670,810; claims 16 and 17 stand rejected under obviousness type double patenting over claims 15 and 17 of U.S. Patent No. 6,670,810; claims 1-3, 6-9, 11, 12, 16 and 17 stand rejected under 35 U.S.C. 102(b) over Carney; and claims 10 and 13-15 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Carney in view of Gaukel.

With regard to the rejection of claims 1-15 under statutory double patenting over claims 1-14 of U.S. Patent No. 6,670,810, Applicant has cancelled claims 2-4, thereby rendering the rejection thereof moot. With respect to claims 1 and 5-15, Applicant respectfully points out that these claims recite a different patentable invention than claims 1-14 of U.S. Patent No. 6,670,810. In particular, claim 1, and therefore its dependent claims, do not recite an optical sensor. Withdrawal of the rejection is hereby requested. Furthermore, Applicant has filed herewith a Terminal Disclaimer obviating a double-patenting rejection.

With regard to the rejection of claims 16 and 17 under obviousness type double patenting over claims 15 and 17 of U.S. Patent No. 6,670,810, Applicant has filed herewith a Terminal Disclaimer obviating this double-patenting rejection. Applicant respectfully requests that the rejection be withdrawn as moot.

With regard to the rejection of claims 1-3, 6-9, 11, 12, 16 and 17 under 35 U.S.C. 102(b) over Carney, this rejection is respectfully traversed. Carney teaches a device for sensing tampering of a utility meter by detecting positional displacement or loss of power to the meter. Carney fails to teach a device which measures at least one aspect of the

environment in proximity to said remote sensing unit, processes and stores the at least one measured aspect as data, and transmits the data to a host terminal. Carney fails to teach a device which measures various aspects of the environment in proximity to a sensing unit, at least one signal processor, for processing the measurements from the at least one sensor, and a two-way telemetry function for sending the data to and receiving the data from a host terminal. Thus, Carney fails to anticipate claims 1-3, 6-9, 11, 12, 16 and 17 of the present application, and withdrawal of the rejection is respectfully requested.

With regard to the rejection of claims 10 and 13-15 under 35 U.S.C. 103(a) as being unpatentable over Carney in view of Gaukel, this rejection is respectfully traversed. As noted above, Carney teaches a device for sensing tampering of a utility meter by detecting positional displacement or loss of power to the meter. Gaukel discloses a method for continuous electronic monitoring and tracking of persons. Carney and Gaukel fail to teach or suggest a device which measures at least one aspect of the environment in proximity to said remote sensing unit, processes and stores the at least one measured aspect as data, and transmits the data to a host terminal. Carney and Gaukel fail to teach or suggest a device which measures various aspects of the environment in proximity to a sensing unit, at least one signal processor, for processing the measurements from the at least one sensor, and a two-way telemetry function for sending the data to and receiving the data from a host terminal. Thus, Carney and Gaukel, alone or in combination, fail to render obvious claims 10 and 13-15 under 35 U.S.C. 103(a), and withdrawal of this rejection is respectfully requested.

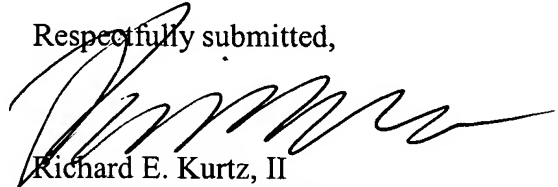
CONCLUSION

Having responded to all objections and rejections set forth in the outstanding Office Action, it is submitted that claims 1 and 5-17 are in condition for allowance and Notice to that effect is respectfully solicited.

In the event that the Examiner is of the opinion that a telephone or personal interview will facilitate allowance of one or more claims in the above-referenced application, he is courteously requested to contact Applicants' undersigned representative.

You are hereby authorized to charge or credit any deficiency or overpayment associated with the filing of this response to our Deposit Account No. 50-0653.

Respectfully submitted,



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Filed: September 26, 2005